

National Functional Guidelines Report # 3

16:49 Fri, Oct 31, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4G03

Case 37947

Contract EPW05030

Region 9

DDTID 65620

SOW SOM01.2

Data Review Results

Continuing Calibration Verification

Continuing Calibration Verification		VOA_LOW_MED
VC14	The following volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.	
	VBLKC5, VBLKD5, VHBLKD5, Y4G03, Y4G04, Y4G05, Y4G06, Y4G08, Y4G09, Y4G10, Y4G11	
	Isopropanol VSTD050C5, VSTD050D5	
	VBLKC5, VBLKD5, VHBLKD5, Y4G03, Y4G04, Y4G05, Y4G06, Y4G08, Y4G09, Y4G10, Y4G11	

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Detection Limit

Detection Limit	VOA_LOW_MED
VDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	cis-1,2-Dichloroethene Y4G08, Y4G11

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Initial Calibration

Initial Calibration		VOA_LOW_MED
VC15	The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.	
	VBLKC5, VBLKD5, VHBLKD5, Y4G03, Y4G04, Y4G05, Y4G06, Y4G08, Y4G09, Y4G10, Y4G11	
	1,4-Dioxane VSTD0055K	
	Isopropanol VSTD0055K, VSTD0105K, VSTD0505K, VSTD1005K, VSTD2005K	
Initial Calibration		VOA_LOW_MED
VC20	The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified.	
	VBLKC5, VBLKD5, VHBLKD5, Y4G03, Y4G04, Y4G05, Y4G06, Y4G08, Y4G09, Y4G10, Y4G11	
	1,4-Dioxane-d8 VSTD0055K, VSTD0105K	
	1,4-Dioxane	
Initial Calibration		VOA_LOW_MED
VC6	The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds.	
	VBLKC5, VBLKD5, VHBLKD5, Y4G03, Y4G04, Y4G05, Y4G06, Y4G08, Y4G09, Y4G10, Y4G11	
	1,2,4-Trichlorobenzene BFB5K	
	VBLKC5, VBLKD5, VHBLKD5, Y4G03, Y4G04, Y4G05, Y4G06, Y4G08, Y4G09, Y4G10, Y4G11	

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Matrix Spikes

Matrix Spikes		VOA_LOW_MED
VMS4	Volatile matrix spike and/or matrix spike duplicate data is missing for this SDG. Detected and nondetected compounds are not qualified.	
	Y4G03, Y4G04, Y4G05, Y4G06, Y4G08, Y4G09, Y4G10, Y4G11	

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TIC

TIC		VOA_LOW_MED
VTIC1	A library search indicates a match at or above 85% for a TIC compound in the volatile sample. Detected compounds are qualified NJ. Nondetected compounds are not qualified.	
	541-05-9 Y4G03	
TIC		VOA_LOW_MED
VTIC2	A library search indicates a match below 85% for a TIC compound in the volatile sample. Detected compounds are qualified J. Nondetected compounds are not qualified.	
	Unknown-01 Y4G03	
	Unknown-02 Y4G03	